



# NITFS

## Compliance Registration



**Product:** AGP 1c Topographic Data Processing (TDP) version 3.12.1

**Sponsor:**  
National Geospatial-Intelligence Agency

**Developer:**  
**Harris Corporation**

- Initial Registration
- Supplemental/Update #
- Derived from Reg. #

Complexity Level						
NITF 2.1 CLEVEL		3	5	6	7	
Interpret						
Generate						
NITF 2.0 CLEVEL		1	2	3	4	5
Interpret						
Generate						

**Configurations Tested:**  
-Dual Core 3 GHz Xeon 5100

\*\* NITF 2.0 feature  
\* NITF 2.1 feature

- Product N-0105/98, §4.1.2
- Component N-0105/98, §4.1.3

### NITFS Features Implemented:

#### Format

- NITF
- V2.1
- V2.0
- V1.1
- NSIF
- V1.0

#### Image Segment Types

- MONO
- RGB
- RGB/LUT
- YCbCr
- MULTI
- NODISPLY
- POLAR

#### Pixel Value Types

- Boolean
- Integer
- Signed Integer \*
- IEEE Real \*
- IEEE Complex \*

#### Image Compression

- Not Compressed
- JPEG Lossy, 8-bit
- JPEG Lossy, 12-bit
- JPEG Downsample
- JPEG Lossless
- JPEG 2000
- Bi-Level
- Vector Quantization

#### Annotation Segment Types

- Bit Mapped \*\*
- CGM, 2301
- CGM, 2301A
- Labels \*\*

#### Text Segments

- STA
- UT1
- U8S
- MTF

#### Data Extension Segments

- TRE OVERFLOW
- STREAMING FILE HEADER
- Controlled Extensions \*\*
- Registered Extensions \*\*

#### Tagged Record Extensions

- HISTOA
  - J2KLRA
  - PRODHA
    - DIGEST TRES
    - ACCHZB
    - BNDPLB
    - GEOLOB
    - GEOPLSB
    - MAPLOB
    - PRJPSB
- Legend**
- Interpret      Fully implemented  
                   Partially implemented  
                   Not implemented

CURTIS L. GREEN, Lt Col, USAF, Division Chief

Joint Interoperability Test Command  
 Executive Agent to National Geospatial-  
 Intelligence Agency for the NITFS Test and  
 Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.  
 Potential users should evaluate the detailed test results to determine the suitability of  
 a product for the intended use. Optional NITFS features may not be implemented.